
APPENDIX—SCHEDULES

Appendix—Schedules

The information contained in the statistics for mines and quarries for 1929 was collected by means of a general schedule for mines and quarries; an abbreviated or "short-form" schedule for enterprises whose value of products was less than \$20,000; and a special schedule for sand and gravel enterprises. In addition to these schedules there was a special "Administrative and general office" schedule. This schedule was used in all cases where a number of mines or quarries were managed from a central office, usually at some distance

from the mine, as in New York, Philadelphia, or Chicago, and on it were reported the persons employed in these offices together with their salaries, which could not be distributed among the different plants.

The general schedule used in reporting mines and quarries, the special schedule used for reporting sand and gravel enterprises, the abbreviated or "short-form" schedule, and the administrative and general office schedule are reproduced on the following pages.

CONFIDENTIAL GOVERNMENT REPORT

Form 100-MQ
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

CENSUS OF MINES AND QUARRIES, 1929
REQUIRED BY ACT OF CONGRESS APPROVED JUNE 14, 1929
GENERAL SCHEDULE

Under the law, no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can or will be given out by the Bureau of the Census to any person outside that Bureau, whether in Government service or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report.

GENERAL INSTRUCTIONS—Forms are prepared for all plants that were in operation, by either production or development reports, during all or part of the period covered. (See Inquiry 3.) Separate reports are required for plants located in different counties, but a combined report may be made for two or more plants located in the same county. Name and location of this plant must be specified.

NOTE—As used in this schedule, the word "plant" applies to mine, quarry, or other processing or reduction works.

1. DESCRIPTION OF PLANT:

a. NAME OF PLANT.....

b. NAME OF OWNER OR OPERATOR.....

LOCATION OF PLANT (Use No. 1)

c. STATE..... d. CITY, TOWN, OR VILLAGE.....

e. COUNTY..... f. POST OFFICE ADDRESS.....

g. POST-OFFICE ADDRESS OF GENERAL OFFICE.....

h. IS PLANT LOCATED WITHIN BOUNDARIES OF CITY, TOWN, OR VILLAGE AS INCORPORATED?..... If not, name the township, borough, or other civil division in which located.....

i. DO YOU OPERATE MORE THAN ONE PLANT?..... If yes, give name and nearest post-office address of each under "Remarks," page 4.

j. DOES THIS PLANT COVER THE OPERATIONS OF MORE THAN ONE PLANT?..... If yes, state number (See General Instructions, above).

2. CHARACTER OF INDUSTRY:

a. PRINCIPAL MINERAL, STONE, OR ORE PRODUCED.....

b. TYPE OF MINING OR QUARRING (Specify whether underground or open-cut, lode or placer, dredging, etc.).....

c. TYPE OF MILLING, FROTHING, CRUSHING, OR OTHER PROCESSING OR REDUCTION WORKS OPERATED IN CONNECTION WITH MINE OR QUARRY.....

3. PERIOD COVERED—This report should relate preferably to the calendar year 1929; but it may be made to cover the business or fiscal year ending within the period from April 1, 1929, to March 31, 1930. It should, in either case, cover a full year's operation if the plant was active during the entire year.

The fiscal year or period covered by the information given below:—

Began..... 192.....

Ended..... 19.....

4. TIME IN OPERATION AND HOURS OF LABOR:

a. NUMBER OF DAYS THIS PLANT WAS OPERATED DURING THE PERIOD COVERED.....

b. NORMAL HOURS OF WORK PLANT WAS OPERATED: PER DAY..... PER WEEK.....

c. NUMBER OF SHIFTS.....

d. NORMAL NUMBER OF HOURS PER WEEK FOR THE INDIVIDUAL WAGE EARNER..... Does this number of hours refer to a 5-day, a 5½-day, or a 6-day week, or to some other basis (specify)?.....

e. IN MINING OPERATIONS, THE PLANT WAS ACTIVE DURING WHAT PART OF THE NORMAL WORKING DAYS PER WEEK, OR PART OF THE NORMAL HOURS PER DAY? GIVE REASONS AND APPROXIMATE DATA.....

5. PERSONS ENGAGED—Number December 31, 1929, as per pay roll. If this was not a representative day, give data for the nearest representative or normal day, stating the date it was used. Do not count the same person twice under different headings.

Classification	Total	
	Male	Female
a. PRODUCTION OR FIRM MEMBERS (not applicable to incorporated companies).....		
b. PRINCIPAL OFFICERS OF CORPORATIONS (Do not include directors unless holding other office on salary).....		
c. MANAGERS, SUPERVISORS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES: TECHNICAL EMPLOYER, MINE ENGINEERS, AND CHEMISTS; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES OR SALARIES.....		
d. WAGE EARNERS, INCLUDING EMPLOYEES PAID BY THE HOUR, DAY, WEEK, OR OTHER UNIT AND REPORT THE NUMBER OF HIS LABORERS (including stationary and locomotive engineers; track men, machinists, carpenters, etc.) actually employed directly by the operator in connection with the development or the operation of the plant, on the 31st day of each month or the nearest representative date. DO NOT include persons who were not employed on manual or mechanical work.....		

Number of proprietors or firm members regularly performing manual labor in or about the plant.....

6. WAGE EARNERS EMPLOYED, BY MONTHS—Give number on payroll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week. (Follow instructions under Inquiry 5 as to who are to be included.) Figures given in this inquiry should relate to calendar year 1929. If remainder of report refers to some other period, give under "Remarks" (p. 4) figures for those months in 1929 or 1930 which fall within that period. (See Inquiry 3.)

Month	Employed under contract or on other basis or quantity			Employed on regular basis		
	Number	Number	Number	Number	Number	Number
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						

7. SALARIES, WAGES, AND CONTRACT WORK—Amount paid during the period covered by this report. Include bonuses or percentage of profits when paid either to officers and salaried employees or to wage earners. Report separately the amounts paid for contract work not done by regular employees.

a. TOTAL AMOUNT OF SALARIES OF PRINCIPAL OFFICERS OF CORPORATIONS (see Inquiry 5-b)..... \$.....

b. TOTAL AMOUNT OF SALARIES OF MANAGERS, SUPERVISORS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES, TECHNICAL EMPLOYEES, MINE ENGINEERS, CHEMISTS, CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY (see Inquiry 5-c)..... \$.....

c. NET AMOUNT PAID TO WAGE EARNERS AS DEFINED UNDER INQUIRY 5-d, AFTER DEDUCTING CHARGES FOR EXPENSES AND OTHER DEDUCTIONS AND SERVICES FURNISHED BY THE COMPANY TO EMPLOYEES OR TO CONTRACTORS AND SUBCONTRACTORS..... \$.....

Total salaries and wages (sum of items a, b, and c)..... \$.....

d. TOTAL AMOUNT PAID FOR CONTRACT WORK, SUCH AS SINKING, SHUTTLE DRIVING, PUMPING, DRIVING TIE PILES, ETC., DURING THE PERIOD COVERED, NOT DONE BY EMPLOYEES WHOSE COMPENSATION IS REPORTED UNDER INQUIRY 5..... \$.....

8. SUPPLIES, FUEL, AND ELECTRIC CURRENT—The items entered here should relate to the amounts of supplies of every character used in the development and operation of the plant during the period covered, for any purpose in connection with the development or the operation of the plant; but it is impractical to report supplies used for the development, extent of the amount of supplies used during the period, include fuel and landings fees. State here whether coal given over for "used" or "purchased."

a. COST OF LUMBER AND TIMBER USED FOR BRACKETS, MINE PROTECTORS, AND TRACK TIES, AND FOR OTHER PURPOSES (DO NOT INCLUDE COST OF BLACKENING AND FOR RAIL FENCES, ALLEYS, ETC.; FOR TRACKS AND REPAIRS, AND FOR MATERIALS AND REPAIRS OF TRACKS; EXPLOSIONS AND OTHER SUCH SUPPLIES; AND FOR MATERIALS AND REPAIRS OF MACHINERY, ELECTRICAL SUPPLIES, ETC.)..... \$.....

b. COST OF ALL FUEL FOR POWER, HEATING, AND DRIVING (see Inquiry 12-a)..... \$.....

c. COST OF PURCHASED ELECTRIC CURRENT (see also Inquiry 12-b)..... \$.....

Total cost of supplies, fuel, and electric current (sum of a, b, and c)..... \$.....

9. DEVELOPMENT WORK—Give total amount charged to development work during the year, whether done directly by regular employees or under contract. All or a considerable part of this cost should be included in the amounts reported under Inquiries 7 and 8, but the cost of development work may also include certain other expenditures not called for elsewhere in this report.

a. Character of work.....

b. Portage of development work.....

c. Cost of development work.....

10. PRODUCTS—Report the selling value of, or, at the point of shipment of all products mined or quarried during the period covered, whether disposed of or not. Include the value at the mine of your own production used in operating.

Product	Quantity	Value
Mineral (ore, concentrates, coal, stone, etc.), specify:.....		
Other products (specify).....		
Amount received for work, if any, performed for other establishments, such as hauling, hoisting, pumping, shop work, building, custom milling, and selling.....		
Total value of all products.....		

11. POWER EQUIPMENT—Give figures for equipment as of the end of the period covered by this report.

a. PRIME MOVERS—Total, active and emergency:

Equipment	Number	Total horsepower rating	Number	Total horsepower rating
Steam engines.....				
Steam turbines.....				
Internal-combustion engine (oil, gas, gasoline, etc.).....				
Water wheels and turbines.....				
Total of above.....				
Rated horsepower of above equipment which is not ordinarily active (included in "Total of above").....				

b. ELECTRIC MOTORS DRIVEN BY PURCHASED CURRENT—Total, active and emergency.....

c. ELECTRIC MOTORS DRIVEN BY CURRENT GENERATED IN PLANT—Total, active and emergency.....

d. ELECTRIC GENERATORS DRIVEN BY PRIME MOVERS IN THIS PLANT (do not include rotary converters or induction generators)—Total, active and emergency.....

Rated capacity of generators which are not ordinarily active (included in "Total, active and emergency").....

12. FUEL AND ELECTRIC CURRENT—

a. Fuel used (including that transferred from mines, wells, or plants under the same ownership) during the period covered by this report. Include fuel used for power, heat, drying, and haulage, but do not report fuel used solely for lighting.

Fuel	Quantity	Value
Coal, anthracite.....	Long ton	
Coal, bituminous.....	Short ton	
Coke.....	Short ton	
Gasoline (including crude oil and gas oil).....	Gallon	
Natural gas.....	Cu. ft.	
Manufactured gas.....	Cu. ft.	

12. FUEL AND ELECTRIC CURRENT—Continued.

b. Electric current. (Report current generated or purchased during the year for all uses; but a plant which buys current for lighting only should not report it.)

Generated in the plant.....	Purchased.....	Cost

13. EQUIPMENT PURCHASED—Report the total cost of machinery and other equipment purchased during the year. (Do not include installation expenses)..... \$.....

14. DISTRIBUTION OF SALES—The law directs a special Census of Distribution in 1930. A special Wholesale Distribution schedule will be supplied for the use of all separately incorporated sales companies and of all selling departments of mine, quarry, and manufacturing plants owned and operated as distinct merchandising establishments. The following questions apply to the channels through which the product leaves the mining company. Report below, in the appropriate column, the volume (in tons, or in other units) of products actually delivered during the period covered. If exact figures are not available, give the best possible approximations. See accompanying instructions.

Description	Tons		Value
	Actual	Approximate	
COAL:			
a. Delivered direct to consumers who own or control the mine through direct ownership, and sales to affiliated concerns.....			
b. Sales direct to other concerns (including retailers) involved by main office of the mining company.....			
c. Sales arranged and invoiced by separate or branch sales offices of the mining company (which office will make separate reports on the Wholesale Distribution schedule).....			
d. Sales through a separately incorporated selling company owned by the mine interests as the mining company.....			
e. Sales to independent wholesalers or jobbers, and sales through independent agents or commission.....			
f. Other sales (specify type of outlet).....			
Nonmetallic Mineral Products:			
a. Sales direct to concentration, treatment, and quarry-product plants, and manufacturers, not affiliated with your company. (See instructions).....			
b. Transfers to processing and manufacturing plants owned by or affiliated with your company but operated as separate units. (See instructions).....			
c. Sales through branch houses or subsidiary sales organizations of this company which are conducted as distinct merchandising establishments.....			
d. Sales to wholesalers and jobbers (including exporting houses).....			
e. Sales through agents, brokers, and other dealers, on a commission basis.....			
f. Sales direct (not included in sales through channels listed above) to— Government agencies (Federal, State, and local)..... Contractors (for Government construction)..... Contractors (for private construction)..... Railroads..... Public utilities..... Other sales, not included above (specify).....			
METALLIC MINERAL PRODUCTS:			
a. Sales direct to blast furnace, concentration plants, smelters (including sales on custom basis), and manufacturing plants. (See instructions).....			
b. Transfers to and from affiliated concentration plants, blast furnaces, smelters, refineries, and manufacturing plants. (See instructions).....			
c. Sales through branch houses and subsidiary organizations (sales companies) which are conducted as distinct merchandising establishments.....			
d. Sales to wholesalers and jobbers (including exporting houses).....			
e. Sales through mine agents, brokers, and other dealers, on a commission basis.....			
Total.....			

This is to certify that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from..... to.....

(Signature and Title of Person furnishing the information)

REMARKS.....

CONFIDENTIAL GOVERNMENT REPORT

Form 100-310-50
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

CENSUS OF MINES AND QUARRIES, 1929
REQUIRED BY ACT OF CONGRESS APPROVED JUNE 16, 1908
SAND AND GRAVEL

The law makes it obligatory upon every mine or quarry to file this report with the Bureau of the Census. Failure to do so will result in a fine or imprisonment, or both.

Under the law, no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can be given out by the Bureau of the Census to any person outside that Bureau, whether in Government service or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report.

Note.—As used in this schedule, the word "plant" signifies bank, pit, and marine operations, and (a) crushing and screening operations.

GENERAL INSTRUCTIONS—Reports are required for all plants that were in operation during all or part of the period covered. (See page 2.) Separate reports are required for plants located in different counties, but a combined report may be made for two or more plants located in the same county. Name and location of each plant must be specified.

1. DESCRIPTION OF PLANT:

a. NAME OF PLANT.....

b. NAME OF OWNER OR OPERATOR.....
Is this owner or operator an incorporated concern?.....

c. STATE..... d. CITY, TOWN, OR VILLAGE.....

e. COUNTY..... f. POST-OFFICE ADDRESS.....

g. POST-OFFICE ADDRESS OF FEDERAL OFFICE.....

h. IS THIS PLANT PART OF A GROUP OF PLANTS, OR IS IT AN INCORPORATED COMPANY?..... If so, name the company, township, or other civil division in which located.....

i. DO YOU OPERATE MORE THAN ONE PLANT?..... If yes, give name and nearest post-office address of each plant. (See General Instructions, page 4.)

j. DOES THIS REPORT COVER THE OPERATIONS OF MORE THAN ONE PLANT?..... If yes, state number. (See General Instructions, page 4.)

2. CHARACTER OF INDUSTRY:

a. Type of operation (indicate by check in proper square):

(1) Bank..... (2) Marine.....

(3) Pit..... (4) River.....

(5) Wet..... (6) Lake.....

(7) Dry..... (8) Ocean.....

b. Type of excavating equipment (indicate by check):

(1) Shovel.....

(2) Dredge.....

(3) Dredge.....

(4) Other (specify).....

c. Methods of processing:

(1) Crushing operations..... (2) Screening operations..... (3) Washing operations.....

3. PERIOD COVERED—This report should relate preferably to the calendar year 1929; but it may be made to cover the business or fiscal year ending within the period from April 1, 1929, to March 31, 1930. If so, state, in other case, cover a full year's operations of the plant last active during the entire year.

The fiscal year or period covered by the information given below:.....

4. TIME IN OPERATION AND HOURS OF LABOR:

a. NUMBER OF DAYS THE PLANT WAS OPERATED DURING THE PERIOD COVERED.....
(Give the number of days the plant was operated during the period covered, and the number of hours per day for regular or other cases should be indicated. Do not include the number of days the plant was closed for repairs or other reasons.)

b. NORMAL NUMBER OF HOURS PLANT WAS OPERATED PER DAY..... PER WEEK.....

c. NUMBER OF SHIFTS.....
(Normally operated per day (1, 2, or 3).)

d. NORMAL NUMBER OF HOURS PER WEEK FOR THE INDIVIDUAL WAGE EARNER.....
(Does this number of hours refer to a 5-day, a 6 1/2-day, or a 5-day week, or to some other basis (specify)?)

e. IF DURING PROLONGED PERIODS THE PLANT WORKED PART TIME (PART OF THE NORMAL WORKING DAYS PER WEEK OR PART OF THE NORMAL HOURS PER DAY) GIVE REASONS AND APPROXIMATE DATES.....

5. PERSONS EMPLOYED—Number employed on a normal or representative day, showing here what class is used. (Do not count the same persons twice under different headings.)

	Male	Female
a. PROPRIETOR OR FIRM MEMBERS (not applicable to incorporated companies).....		
b. SALARIED EMPLOYEES AS FOLLOWS: Principal officers of corporations (do not include directors unless holding other offices or titles).....		
c. MANAGERS, SUPERVISORS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; TECHNICAL EMPLOYEES; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES OF SALARY.....		
Total salaried employees (sum of b and c).....		
d. WAGE EARNERS..... <i>(Report the number of ALL EARNERS (including salaried and incentive engineers, trackmen, machinists, carpenters, etc.) actually employed directly by the operator in connection with the development and operation of the plant on the representative date. DO NOT include persons who are not employed on manual or mechanical work.)</i>		

6. WAGE EARNERS EMPLOYED, BY MONTHS—Give average number per pay roll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week. (Follow instructions under Inquiry 5-a as to how to include or exclude.) Figures given in this inquiry should relate to calendar year 1929. If considerable report refers to some other period, give under "Remarks" (p. 4) figures for those months in 1929 or 1930 which fall within that period. (See Inquiry 5.)

Jan.	Feb.	Mar.	Apr.	May	June
.....
July	Aug.	Sept.	Oct.	Nov.	Dec.
.....

7. SALARIES, WAGES, AND CONTRACT WORK—Amounts paid during the period covered by this report. Include bonus or percentage of profits when paid either to officers and salaried employees or to wage earners. Report separately the amount paid for contract work not done by regular employees.

a. TOTAL AMOUNT OF SALARIES OF PRINCIPAL OFFICERS OF CORPORATIONS (see Inquiry 5-b).....

b. TOTAL AMOUNT OF SALARIES OF MANAGERS, SUPERVISORS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; TECHNICAL EMPLOYEES; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES OF SALARY (see Inquiry 5-c).....

c. NET AMOUNT PAID TO WAGE EARNERS AS DEFINED UNDER INQUIRY 5-d.....

Total salaries and wages (sum of items a, b, and c).....

d. TOTAL AMOUNT PAID FOR CONTRACT WORK, SUCH AS BORING TEST HOLES, ETC., DURING THE PERIOD COVERED, AND SOME OF EMPLOYER'S WORK (CONTRACTOR'S INFORMATION IS REPORTED UNDER ITEM c. DO NOT include amounts paid for contract work done by regular employees).....

8. SUPPLIES, FUEL, AND ELECTRIC CURRENT—Items entered here should relate to the amount of supplies of every description and of fuel and electric current actually used during the period covered, for any purpose in connection with the development or the operation of the plant, but if it is impracticable to report supplies and fuel on this basis, enter the costs of the amounts purchased during the period. Include freight and haulage costs.

a. COST OF LUMBER AND TIMBER USED FOR BRIDGES, TRACKS, ETC., AND FOR OTHER PURPOSES; COST OF IRON AND STEEL PIPE, BLACKSMITHING, FOR TRACKS AND BRIDGES, AND FOR REPAIRS AND REPAIRS OF TOTAL COST OF MACHINERY SUPPLIES, ETC.....

b. COST OF ALL FUEL FOR POWER, HEATING, ETC. (see Inquiry 12-b).....

c. COST OF PURCHASED ELECTRIC CURRENT (see also Inquiry 12-c).....

Total cost of supplies, fuel, and electric current (sum of a, b, and c).....

9. EQUIPMENT PURCHASED—Report the total cost of machinery and other equipment purchased during the year. (Do not include installation expenses.)

10. PRODUCTS—Please state below the quantity produced (in short tons, if possible, or in cubic yards) and the total selling value of each kind of sand and gravel of your own production (i. e., that of which you own the right of disposal). (Do not include delivery charges, freight rates, etc.) Material produced and used for your own plant may be reported, giving the value of material used. If book figures are not available, carefully prepared estimates may be given.

Weights per cubic yard: Sand..... pounds; gravel..... pounds.

Be sure to include below whether units of measure to report in "short tons" or "cubic yards."

Kind of material	WASHT AND SIEVED		NOT WASHT AND SIEVED	
	Short tons or cubic yards	Value	Short tons or cubic yards	Value
SANDS:				
Washing sand (for washing only).....				
Molding sand (including pig-iron sand, steel sand, iron core, etc.).....				
Structural sand (used in concrete and mortar, for building, bridges, culverts, etc.).....				
Paving and road making (concrete and other).....				
Cutting and grinding sand.....				
Blasting sand.....				
Fire or furnace sand.....				
Engine sand.....				
Filter sand.....				
Railroad ballast (sand).....				
Other sand (specify use).....				
TOTAL SANDS.....				
GRAVELS:				
Structural (used in concrete, for building, bridges, culverts, etc.).....				
Paving and road making (concrete and other).....				
Railroad ballast (gravel).....				
Other gravel (specify use).....				
TOTAL GRAVELS.....				
GRAND TOTAL SANDS AND GRAVELS.....				

11. POWER EQUIPMENT—Give figures for equipment as of the end of the period covered by this report. Report the "horsepower" of each engine or motor which is capable of independent operation, or which is used in connection with the development or the operation of the plant, but not including the capacity of the engine or motor when it is used in connection with the development or the operation of the plant.

Type of engine or motor	Horsepower		Horsepower	
	Number	Total horsepower	Number	Total horsepower
a. Prime movers—total, active and emergency:				
Steam engines.....				
Steam turbines.....				
Internal-combustion engines (oil, gas, gasoline, etc.).....				
Water wheels and turbines.....				
Total of above.....				
b. Rated horsepower of above equipment which is not ordinarily active (included in "Total of above").....				
c. ELECTRIC MOTORS DRIVEN BY PURCHASED CURRENT—total, active and emergency.....				
d. ELECTRIC MOTORS DRIVEN BY CURRENT GENERATED IN PLANT—total, active and emergency.....				
e. ELECTRIC GENERATORS DRIVEN BY PRIME MOVERS IN PLANT (do not include rotary converters or motor-generator sets)—total, active and emergency.....				
f. Rated capacity of generators which are not ordinarily active (included in "Total, active and emergency").....				

12. FUEL AND ELECTRIC CURRENT:

a. FUEL (including that transferred from mines or plants under the same ownership) during the period covered by this report. Indicate fuel used for power, heat, drying, and haulage, but do not report fuel used solely for lighting.

	Unit or quantity	Quantity
Coal, anthracite.....	Long ton.....	
Coal, bituminous.....	Short ton.....	
Coal, lignite.....	Short ton.....	
Crude oil.....	Barrel.....	
Petroleum products (including kerosene and gas oil).....	Gallon.....	
Gasoline and kerosene.....	Gallon.....	
Natural gas.....	M cu ft.....	
Manufactured gas.....	M cu ft.....	

b. ELECTRIC CURRENT.—(Report current generated or purchased during the year for all uses, but a plant which buys current for lighting only should not report it.)

	Kilowatt hours	Cost
Generated in the plant.....		
Purchased.....		

13. DISTRIBUTION OF SALES—The following questions apply to the channels through which the product leaves the sand and gravel company. Report below, in the proper space, the value (at L. C. B. prices) of products shipped or delivered during the period covered. If exact figures are not available, give the best possible approximations.

	Tons	Value
a. Sales direct to ready-mixed concrete companies, concrete block and tile manufacturers, and manufacturers of other concrete products not affiliated with your company.....		
b. Sales to ready-mixed concrete companies, concrete block and tile manufacturers, and manufacturers of other concrete products owned by or affiliated with your company but operated as separate units.....		
c. Sales through subsidiary sales organizations of your company which are conducted as distinct merchandising establishments.....		
d. Sales to wholesalers and jobbers.....		
e. Sales through agents, brokers, and other dealers on a commission basis.....		
f. Sales direct (not included in sales through channels listed above): (a) For general construction (buildings, etc.).....		
(b) For highways, streets, and bridges.....		
(c) For general construction (buildings, etc.).....		
(d) For railroad general construction, other than ballast.....		
(e) For railroad ballast.....		
(f) For public utilities, other than railroads.....		
Other sales, not included above (specify).....		
Total.....		

THIS IS TO CERTIFY that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from..... 1929, to..... 19.....

(Signature and official title of person transmitting the information)

